

# HP ProCurve Secure Access 700wl Series Quick Start Guide



## SOFTWARE VERSION 4.1

This document guides you through the steps needed to install an Access Control Server 740wl, Integrated Access Manager 760wl, or Access Controller 720wl running 4.0 software onto your network, and verify that it is operational.

**Note:** An Access Control Server or Integrated Access Manager must be operational on the network before you install an Access Controller.

For more detailed installation instructions, refer to the *HP ProCurve 700wl Series Installation and Getting Started Guide*.

## INSTALLING AN ACCESS CONTROL SERVER OR INTEGRATED ACCESS MANAGER

**Note:** If you plan to allow the Access Control Server/Integrated Access Manager to obtain an IP address via DHCP, you can skip Steps 1 and 2 and go directly to Step 3 to configure the unit through the browser-based Administrative Interface.

To configure an Access Control Server or Integrated Access Manager with a static IP address using the CLI you will need the following:

- IP address for the system
- Subnet mask range for the system
- Default router IP address
- DNS server IP address(es)
- Access Control Server shared secret

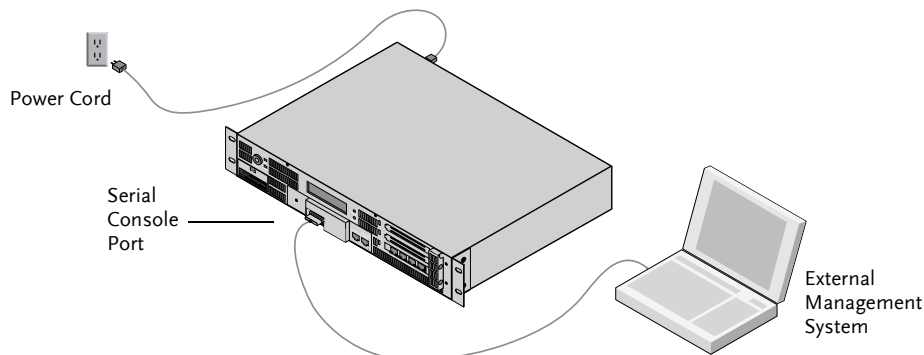
## INSTALLING AN ACCESS CONTROLLER

You must do the initial configuration of an Access Controller 720wl through the CLI. You will need the following:

- Access Control Server IP address
- Access Control Server shared secret
- To configure with a static IP address:
  - IP address and subnet mask range for the Access Controller
  - Default router IP address
  - DNS server IP address(es)

## STEP 1: CONNECTING TO THE SERIAL CONSOLE PORT

- Connect the power cord to the back of the system and into an electrical outlet.
- Connect a **rossover serial cable** from a PC/Laptop to the serial console port on the front of the unit. **Do not connect any network cables at this time.**
- Configure a terminal session on your PC/Laptop: 9600 baud, 8 data bits, 1 stop bit, no parity, no flow control.
- Power on the 700wl Series system. There are two power switches, one on the front panel and one on the back panel. Both must be on for the system to function. After system initialization, the HP ProCurve Serial Console prompt appears.
- Press **Return** to access the logon prompt.



## STEP 2: NETWORK CONFIGURATION USING A STATIC IP ADDRESS

**Note:** To leave the unit configured to get its IP address using DHCP, skip the “set ip” command (in section **B**). If your DHCP server is configured to return the default gateway and DNS server addresses, you may skip those commands in section **B** as well.

### A Enter the Administrator login ID and password at the prompts:

Login: <login ID>

The default is *admin*

Password: <password>

The default is *admin*

### B Enter the following commands to configure the network parameters using a static IP address:

set ip <ip-address> <netmask>

...

Enter the IP address and subnet mask for the system. Subnet mask must be in the form: xxx.xxx.xxx.xxx, e.g. 255.255.255.0.

...

set gateway <ip address>

...

Enter the IP address of the default router

set dns <ip address> <ip address>

...

Enter the IP addresses of the primary and secondary DNS servers

...

### C Configure the shared secret:

set sharedsecret

Secret: <secret>

Confirm secret: <secret>

Set the secret key used to validate an AM to the IS or CS. System prompts for the secret and for confirmation

### D AM only: Configure the IP address of the CS or IS that will manage this AM:

set controlserver <ip address>

...

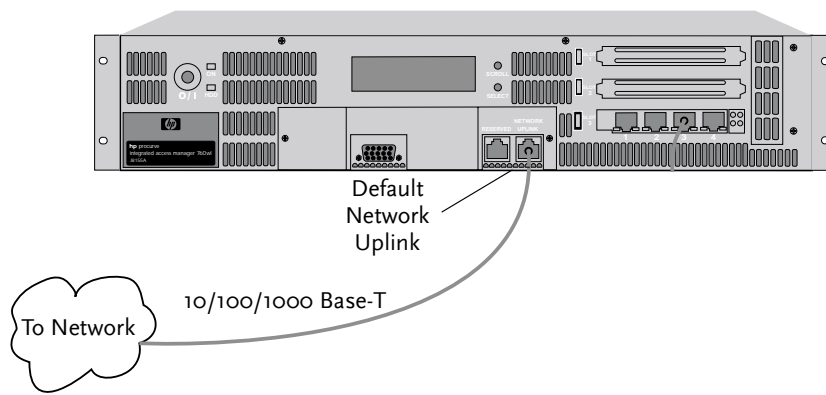
Enter the IP address of the CS or IS

### E Exit the serial console session:

exit

## STEP 3: NETWORK CONNECTION

- Connect the unit to the network: through the **NETWORK UPLINK** port using a 10 Base-T/100 Base-TX/1000 Base-T cable, as shown in the diagram at the top of the next page.



## STEP 4: VERIFY CONFIGURATION IN THE ACCESS CONTROL SERVER ADMINISTRATIVE INTERFACE

**Note:** Even if you have just installed an Access Controller, you use the Administrative Interface on the Access Control Server to verify and complete the configuration for an Access Controller.

- From a management system on the network set your browser to the IP address (or hostname) of your **Access Control Server** or **Integrated Access Manager**.
- Log on to the Administrative Interface (default ID = *admin*, default password = *admin*).
- Verify that the Access Control Server or Integrated Access Manager appears correctly on the Equipment Status page, as shown at right.
- If you installed an Access Controller, verify that it appears correctly in the Access Controllers list on the Equipment Status page.

Equipment Status

Access Control Servers

192.168.10.116

Up Time 19mins 13secs

Installed Software 4.0.3.1 Alternate

0 Total Clients

0 Unauthenticated Users

0 Authenticated Users

Access Controllers

Component Name	IP Address	Clients	Installed Software	Connection Time
Default			4.0.2.10	1min 12secs
	192.168.10.68	192.168.10.68	4.1.0.19 Alternate	1wk 3days

Access Controller portion of an Integrated Access Manager should appear at top of list

Access Control Server or Integrated System should appear here

Access Controller should appear here

**Note:** From the Administrative Interface you can access online Help at any time by clicking the **HELP** button that appears in the Navigation Toolbar.

## STEP 5: COMPLETE THE CONFIGURATION FOR AN ACCESS CONTROL SERVER OR INTEGRATED ACCESS MANAGER

- If you did not set the shared secret through the CLI (Step 2) then do the following:
  - Click the **NETWORK** icon, and under the **System Components** tab click the Access Control Server or Integrated Access Manager to display the Edit Access Control Server or Edit Integrated Access Manager page.
  - Enter and confirm the shared secret in the fields provided, then click **Save**.
- Complete the configuration through the Administrative Interface on the Access Control Server or Integrated Access Manager (see the online Help or the *HP ProCurve 700wL Series Management and Configuration Guide* for detailed instructions):
  - Under the **NETWORK** icon, go to the **Network Setup** tab to configure additional network parameters, if required, and advanced features such as bridging or IP forwarding.
  - Under the **NETWORK** icon, **Date & Time** tab, select the Access Controller and set the system date, time, and time zone. This is important to ensure that your system components are properly synchronized.

## STEP 6: COMPLETE THE CONFIGURATION FOR AN ACCESS CONTROLLER

- Complete the configuration through the Administrative Interface on the Access Control Server or Integrated Access Manager (see the online Help or the *700wl Series system Management and Configuration Guide* for detailed instructions):
  - Under the **NETWORK** icon, go to the **Network Setup** tab, and select the Access Controller from the System Components List (in the left column) to configure additional network parameters, if required, and advanced features such as bridging or IP forwarding.
  - Under the **NETWORK** icon, **Date & Time** tab, select the Access Controller and set the system date, time, and time zone. This is important to ensure that your system components (Access Control Server or Integrated Access Manager and Access Controllers) are properly synchronized.

## STEP 7: PERFORM OPTIONAL CONFIGURATION TASKS

- On an **Access Control Server** or **Integrated Access Manager**, the following steps are optional:
  - Under the **NETWORK** icon, go to the **SNMP** tab to configure SNMP management.
  - Under the **VPN** icon, enable the airwave security protocols you expect clients to use.
  - Under the **LOGS** button, go to the **Logging Setup** tab to configure a Syslog server for session logging.

The *HP ProCurve 700wl Series Management and Configuration Guide* provides detailed explanations of the features of the 700wl Series system, and guides you through additional tasks such as configuring authentication and access policies for system clients.

- On an **Access Controller**, the following steps are optional:
  - Under the **NETWORK** icon, go to the **SNMP** tab to configure SNMP management.

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## WHERE TO GO FOR MORE HELP

If you need more help with the installation, refer to the *HP ProCurve 700wl Series Installation and Getting Started Guide*. This document is available in PDF format on the Product Documentation CD that accompanied your hardware unit. It is also available on the Hewlett-Packard Company technical support web site.

Please read the Release Notes that accompanied your hardware unit for the most current information about this product and its software. See the Hewlett-Packard Company technical support web site for the most current release notes and product documentation.

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